

Institiúid Teicneolaíochta Cheatharlach



At the Heart of South Leinster

User Manual

For

iPhone Application

Submission Date: -

16th of April 2010

Prepared by: -

Tuna Erdurmaz (C00115609)

Supervisor: -

Paul Barry

Table of Contents

1. <u>Introduction</u>	3
2. <u>System Requirements</u>	3
3. <u>Installing Applications via App Store</u>	4
4. <u>Using Tax Refund Calculator iPhone app</u>	
4.1. Introduction.....	8
4.2. “Details” step – Operations.....	8
4.3. “My Tax” step– Operations.....	9
4.4. “Expenses” step– Operations.....	10
4.5. “Spouse” step– Operations.....	12
4.6. “Your Tax Refund” view– Operations.....	13
4.7. “Contact Us” view– Operations.....	13
5. <u>Sample Execution of an iPhone app</u>	14

1. Introduction

This is the user manual for Tax Refund Calculator iPhone application. The iPhone app is a prototype of commercial iPhone application for the Red Oak Tax Refunds Irish Company of their Tax Refund Calculator. Mainly this document contains; System Requirements to install this app and a walkthrough showing how to download and how to use the Tax Refund Calculator iPhone app with detailed screen shots.

2. System Requirements

- An iPhone or iPod touch
- iPhone OS v3.0 or later

Mac System Requirements

- Mac computer with USB 2.0 port
- Mac OS X v10.4.11 or later
- iTunes 8.2 or later (free download from www.itunes.com/download)
- iTunes Store account
- Internet access

Windows System Requirements

- PC with USB 2.0 port
- Windows Vista; or Windows XP Home or Professional with Service Pack 2 or later
- iTunes 8.2 or later (free download from www.itunes.com/download)
- iTunes Store account
- Internet access

3. Installing Applications via App Store

There are two ways for installing applications into your device. One of these by using your iPhone or iPod touch and the other is installing from the iTunes while your device is connected to your Mac or PC. This manual illustrates installing an iPhone application by using iPod touch with the screen shots of the installation process.

Once, your iPod touch is connected to the Internet and you have an iTunes Store account (not available in some countries), App Store which is located to your iPod touch Home screen enables you to install applications. By default, iPod touch gets your iTunes Store account settings from iTunes.

Since my iPhone application has not been in App Store yet, I will demonstrate how to install an iPhone app with the random application that I have chosen.



Step1 – Once you have unlocked your iPod Touch, tap the “App Store” on the Home screen.



Step2– Search for tax calculator apps and tap an app to read a description and user reviews as well as installing your application. (I will use UK Tax Refund Calculator app above for the demonstration since my app is also Tax Refund Calculator and this app is free to download.)



Step3– Tap the “FREE” blue button above. If the app is free, the button title label will change itself to “INSTALL” otherwise “BUY NOW”.



Step4– Tap the “INSTALL” button to download and install this app wirelessly.



Step5– Enter your iTunes account password and tap the “OK” button.



Step6– Please wait while your app is downloaded from App Store and installing into your device. This may take several seconds.



Step7– Now your application is ready to use. Launch your app and enjoy.

4. Using Tax Refund Calculator iPhone app

4.1. Introduction

This Tax Refund Calculator as an iPhone app will play significant role to direct the customers to Red Oak in order to get a full Tax Refund Assessment to see how much more they are due. This Refund Calculator has been built for PAYE (Pay as you earn) income tax payers and covers most scenarios. This includes rent relief, medical expenses tax, PAYE tax credits, Ireland resident personal tax credits, service charges, trade union subscriptions tax credits and calculates refund amounts due for employment expenses.



This tax back calculator application calculates and displays how much the tax refund estimation of a user, after he/she has entered the required information. Then for a full refund check, the application presents the contact form in order to establish communication channel between the user and the Red Oak Tax Refunds Company. The application also contains the links that direct to users to the Red Oak Tax Refunds official site in order to provide them further information.



4.2. “Details” step – Operations

This screen shot is the start-up and the first step of the Tax Refund Calculator iPhone app called “Details” that allows you to enter general details. You can proceed one of the step (“My Tax”, “Expenses” or “Spouse”) that you want by tapping the required segmented control element. You can also see your tax refund estimation at any time by tapping the ‘Calculator’ button on the navigation bar. ‘Reset’ button is provided on the navigation bar, if you want to reload the calculator and clear all the fields contained by the “Details”, “My Tax”, “Expenses”, “Spouse” and “Your Tax Refund” views.

Interface Elements



- ❖ Marital Status – Present a picker view that uses multiple rotating wheels to allow you to select between ‘Single’ or ‘Married’.
- ❖ Date of Birth – Present a date picker that uses multiple rotating wheels to allow you to select your birthday.
- ❖ Dependent Children – This switch is to manage the YES/NO buttons whether you have dependent children or not.
- ❖ Are you cohabiting? - This switch is to manage the YES/NO buttons whether are you cohabiting or not. This field is only visible if you are ‘Single’ and have dependent children. (Go to Section 4.6. for more details)
- ❖  Detailed Disclosure Button - This button reveals more detailed information by moving you to the company’s website.
- ❖  Help Button - Tax Refund Calculator has an explanatory help to clear any ambiguity of you which associated with each field of the calculator. The application will pop-up the blue message box with the relevant information, if you tap the red question mark icon (?) beside the relevant field.



4.3. “My Tax” step – Operations

This screen shot is the second step of the Tax Refund Calculator iPhone app called “My Tax” that allows you enter your personal income tax information. You can proceed or come back one of the steps (“Details”, “Expenses” or “Spouse”) that you want by tapping the required segmented control element. You can also see your tax refund estimation at any time by tapping the ‘Calculator’ button on the navigation bar. ‘Reset’ button also exists on the navigation bar to reload the calculator.

Interface Elements

- ❖ Annual Salary – When you tap in this text field, the system displays the associated keyboard to get your annual salary for your refund estimation.
- ❖ Tax on Salary– When you tap in this text field, the system displays the associated keyboard to get your tax on salary for your refund estimation.
- ❖ Trade Union Member–This switch is to manage the YES/NO buttons whether you are in a trade union or not.
- ❖  Detailed Disclosure Button - This button reveals more detailed information by moving you to the company's website.
- ❖  Help Button -The application will pop-up the blue message box with the relevant information, if you tap the red question mark icon (?) beside the relevant field.



4.4. “Expenses” step – Operations

This screen shot is the third step of the Tax Refund Calculator iPhone app called “Expenses” that allows you to enter information about your allowable expenses and principle residence. You can proceed or come back one of the steps (“Details”, “My Tax” or “Spouse”) that you want by tapping the required segmented control element. You can also see your tax refund estimation at any time by tapping the ‘Calculator’ button on the navigation bar. ‘Reset’ button also exists on the navigation bar to reload the calculator.

Interface Elements

- ❖ Allowable medical – When you tap in this text field, the system displays the associated keyboard to get your allowable medical expenses like doctor expenses and drugs and treatments a doctor prescribes for your refund estimation.
- ❖ Allowable dental – When you tap in this text field, the system displays the associated keyboard to get your allowable dental expenses as claim dental surgery for your refund estimation.
- ❖ Bin Charges – When you tap in this text field, the system displays the associated keyboard to get your bin charges for your refund estimation.
- ❖ Rent or Mortgage – Present a picker view that uses multiple rotating wheels to allow you to select between 'Rent' or 'Mortgage'.
 - ❖ If the selection is 'Rent', the below fields will become visible.
 - Rent from – Present a picker view that uses multiple rotating wheels to allow you to select between 'Private landlord', 'Housing authority' or 'Parent'.
 - Annual Rent – When you tap in this text field, the system displays the associated keyboard to get your annual rent for your refund estimation.

If the selection is 'Mortgage', the below field will become visible.

- Interest Relief – This switch is to manage the YES/NO buttons whether you have interest relief or not.

If the selection is 'Neither', none of them will be visible.

- ❖ **?** Help Button - The application will pop-up the blue message box with the relevant information, if you tap the red question mark icon (**?**) beside the relevant field.



4.5. “Spouse” step – Operations

This screen shot is the fourth and the last step of the Tax Refund Calculator iPhone app called “Spouse” that allows you to enter your spouse’s income tax information. This segment (“Spouse”) is only visible unless you are single. You can come back one of the steps (“Details”, “My Tax” or “Expenses”) that you want by tapping the required segmented control element, or you can get your tax refund estimation by tapping the ‘Calculate’ button on the navigation bar. ‘Reset’ button also exists on the navigation bar to reload the calculator.

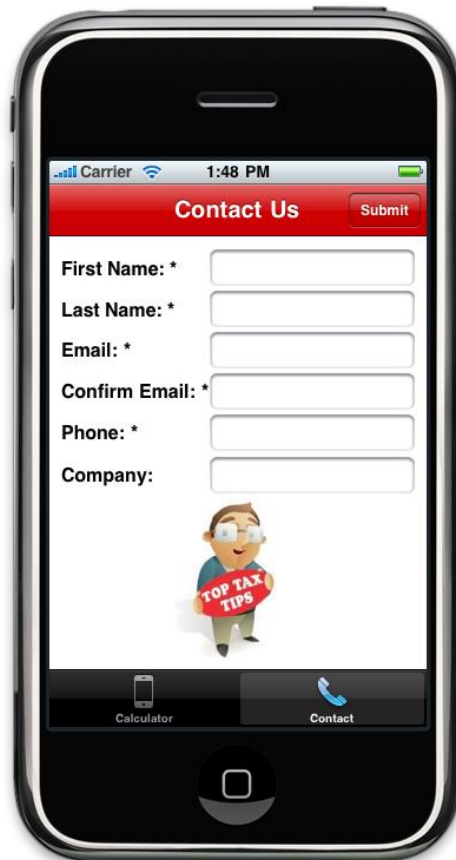
Interface Elements

- ❖ Date of Birth – Present a date picker that uses multiple rotating wheels to allow you to select your spouse’s birthday.
- ❖ Annual Salary – When you tap in this text field, the system displays the associated keyboard to get your spouse’s annual salary for your refund estimation.
- ❖ Tax on Salary – When you tap in this text field, the system displays the associated keyboard to get your spouse’s tax on salary for your refund estimation.
- ❖ Trade Union Member – This switch is to manage the YES/NO buttons whether your spouse is in a trade union or not.
- ❖ ? Help Button - The application will pop-up the blue message box with the relevant information, if you tap the red question mark icon (?) beside the relevant field.



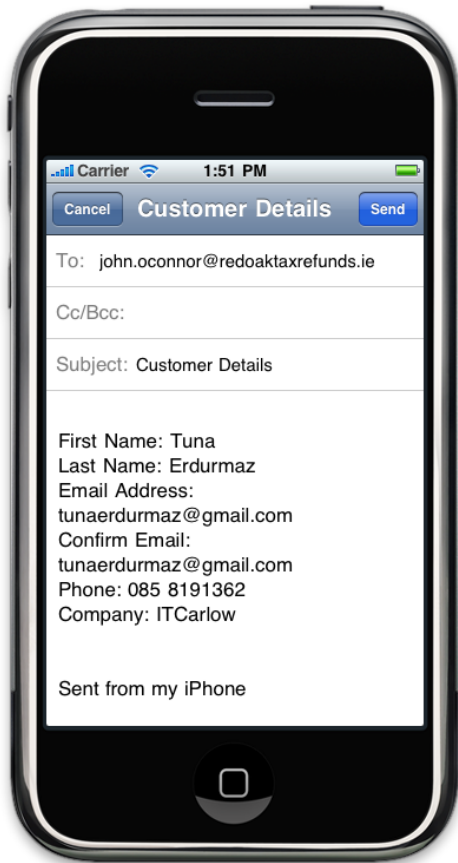
4.6. “Your Tax Refund” view – Operations

This screen shot displays the estimated tax refunds of you. If you do not satisfy with the result and wants to make changes, the calculator allows coming back to the last view that you were in the calculator by tapping the ‘Back’ button on the navigation bar. This view contains the ‘Apply Today!’ button that directs the user to the contact form (Screenshot below).



4.7. “Contact Us” view – Operations

This screen is the initial step in order to contact with the Red Oak Tax Refunds Company. You enter the required fields and tap the “Submit” button. When you tap the “Submit” button, the application will present an email page to the user without shutting down itself.



"Customer Details" View Screen Shot


This screen shot is the last step in order to contact with the Red Oak Tax Refunds Company for a full refund check. You can alter your details and/or taps the 'Send' button to send an email to the company which contains your details or you can cancel the transaction by tapping the 'Cancel' button which turns back to 'Contact Us' view in section 4.7..

5. Sample Execution of an iPhone app

This sample demonstrates you steps to perform to get your tax refund estimation and how to contact with the company.

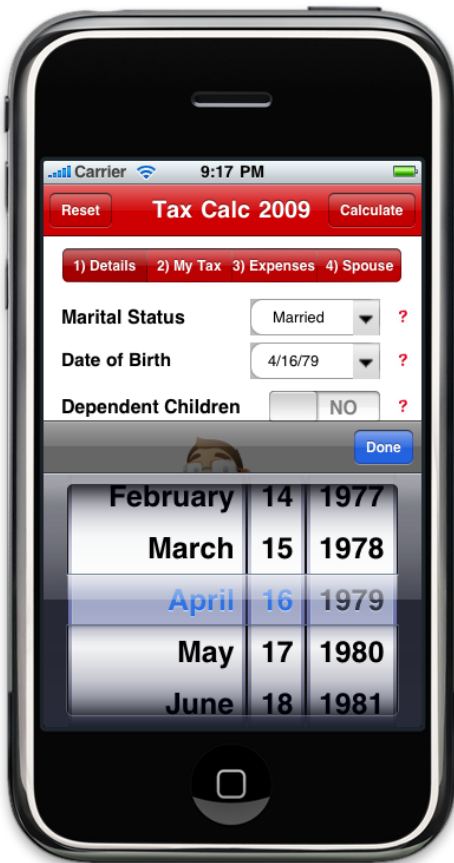


Step1 – Once you have unlocked your iPhone or iPod Touch, start the application by tapping the “TaxCalc2009”

icon . This operation will present you to view below.



Step2– Tap the ‘Marital Status’ picker view button and pick ‘Married’.



Step3– Tap the ‘Date of Birth’ date picker button and pick ‘April 16 1979’.



Step4– Tap the ‘Help’ button **?** in line ‘Dependent Children’ in order to get an explanatory help.

We completed the ‘Details’ step. So, move on to step ‘My Tax’ by tapping segmented control element ‘2) My Tax’ which is above the ‘Marital Status’ field.



Step5– Tap the ‘Annul Salary’ text field and enter ‘50000’ by using keyboard.

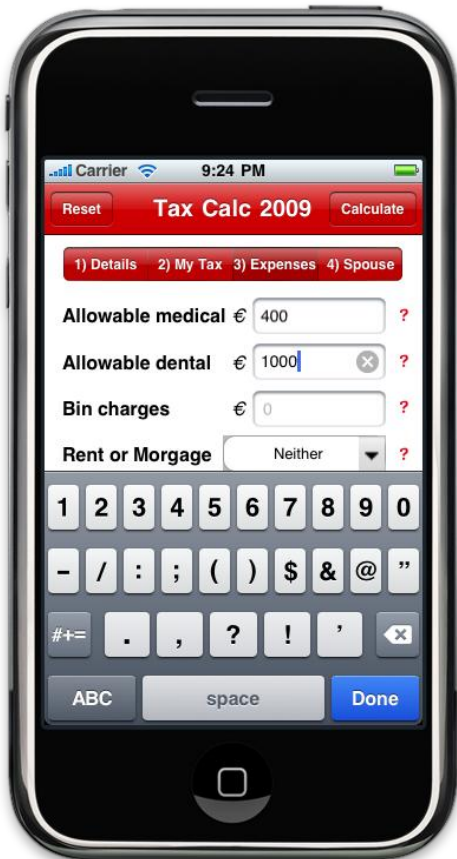


Step6– Tap the ‘Tax on Salary’ text field and enter ‘10000’ by using keyboard. You are not in a trade union, so leave it ‘NO’.

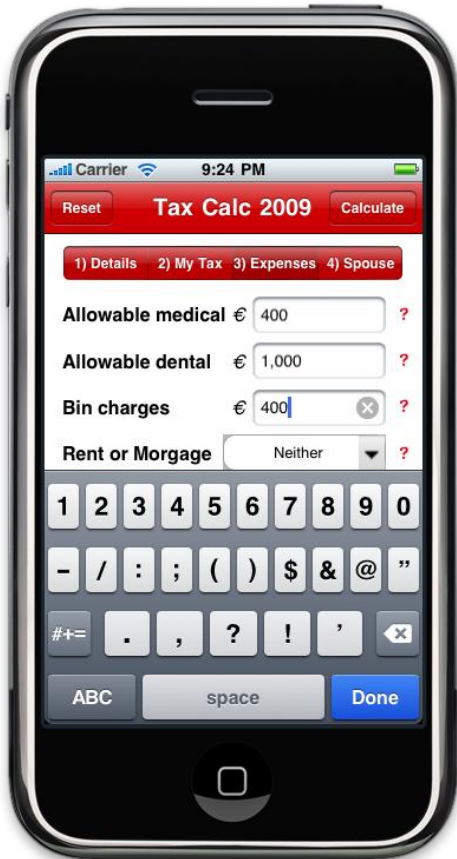
We completed the ‘MyTax’ step. So, move on to step ‘Expenses’ by tapping segmented control element ‘3) Expenses’ which above the ‘Annual Salary’ field.



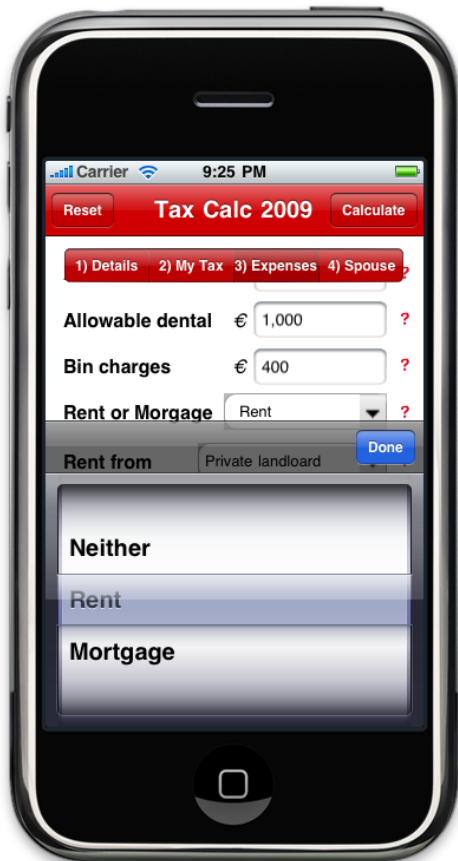
Step7– Tap the ‘Allowable medical’ text field and enter ‘400’ by using keyboard.



Step8– Tap the ‘Allowable dental’ text field and enter ‘1000’ by using keyboard.



Step9– Tap the ‘Bin Charges’ text field and enter ‘400’ by using keyboard.



Step10– Tap the ‘Rent from’ picker view button and pick ‘Rent’. ‘Rent’ selection makes the ‘Rent from’ picker field and the ‘Annual Rent’ text field visible.



Step11– Tap the ‘Rent from’ picker view button and pick ‘Private landlord’.



Step12– Tap the ‘Annual Rent’ text field and enter ‘4000’ by using keyboard.

We completed the ‘Expenses’ step. So, move on to last step called ‘Spouse’ by tapping segmented control element ‘4) Spouse’ which above the ‘Bin charges’ field.



Step13– Tap the ‘Date of Birth’ date picker button and pick ‘December 11 1982’.



Step14– Tap the ‘Annual Salary’ text field and enter ‘25000’ by using keyboard.

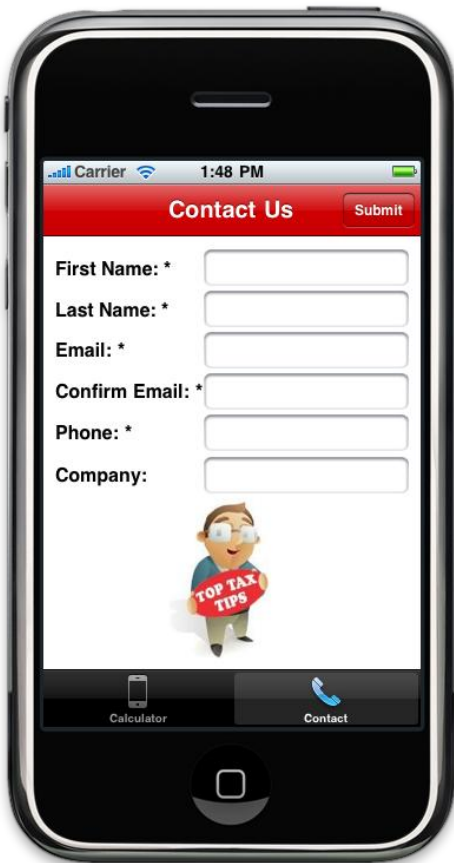


Step15– Tap the ‘Tax on Salary’ text field and enter ‘2500’ by using keyboard. Your spouse is not in trade union, so leave it‘NO’.

Finally, we completed all the steps. So, tap the ‘Calculate’ button in order to get your refund estimation.

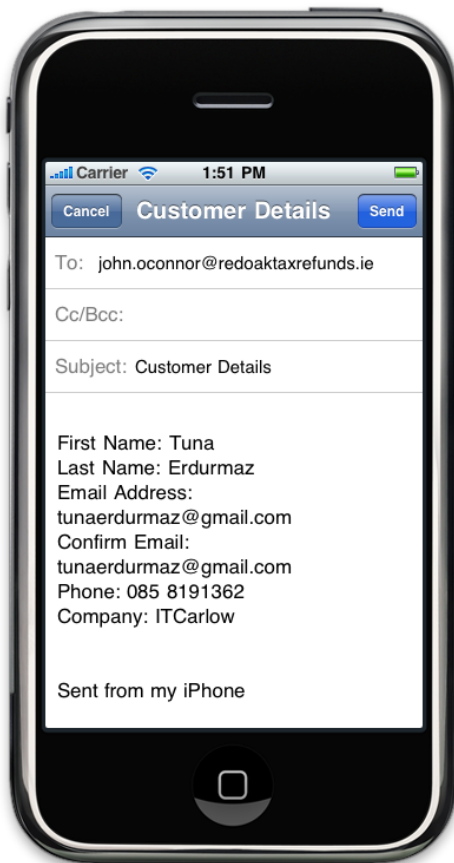


Step16– This view presents to you your tax refund estimation €5,378. Now, tap the ‘Apply Today!’ button in order to contact with the company.



Step17– Enter the required details from you by tapping each text field and enter by using keyboard.

When you are done, tap the 'Submit' button on the navigation bar.



Step18– After checking your entered details, tap the “Send” button in order to send an email to the company.

Finally, we completed sample execution of the Tax Refund Calculator iPhone application.